

## FY13 Savings to K-12 Schools that Participated in Iowa Public Television's K-12 ICN Video Field Trips

Explanation of Calculation	Round Trip Distance to Field Trip Site	Total Hours of Travel Time	<u>School Cost for "Field Trips"</u>				Number of Schools (ICN Sites) Participating in IPTV Sessions	Total Cost to Schools for "Field Trips"	<u>ICN Cost for "Field Trips"</u>		<u>Estimated Total Savings to Iowa Schools</u>	
			Bus Cost	Lost Teacher Productivity	Est. Cost Per School Per "Field Trip"				IPTV K-12 ICN Video Hours	ICN Cost		
		Round trip divided by 55	\$3.39 per mile	\$30 times travel time	Bus+Teacher	Total Sites minus one presenter site for each session	"Est. Cost Per Field Trip" times "Number of Schools"	4116 divided by 3	\$6.48/hour times "IPTV K-12 ICN Video Hours"	"Total Cost to Schools" minus "ICN Cost"		
<b>Real Time Field Trip*</b>												
Schools 100 miles from field trip site	200	3.6	\$ 678.00	\$ 108.00	\$ 786.00	611.70	\$ 480,796.20	1,371.860	\$ 8,889.65	\$ 471,906.55		
Schools 200 miles from field trip site	400	7.2	\$ 1,356.00	\$ 216.00	\$ 1,572.00	611.70	\$ 961,592.40	1,371.860	\$ 8,889.65	\$ 952,702.75		
Schools 300 miles from field trip site	600	10.9	\$ 2,034.00	\$ 327.00	\$ 2,361.00	611.70	\$ 1,444,223.70	1,371.860	\$ 8,889.65	\$ 1,435,334.10		
						<b>TOTALS</b>		<b>1835</b>	<b>\$ 2,886,612.30</b>	<b>4,115.58</b>	<b>\$ 26,668.96</b>	<b>\$ 2,859,943.40</b>

\* Since schools would normally bus students to field trip experiences, calculations for this table are based upon the assumption that one-third of the total field trips were 100 miles from the school, one-third were 200 miles from the school, and one-third were 300 miles from the school.

Data Source: VOSS cost savings report, ICN video invoices and IPTV online registration database.  
 "Field Trip" sessions are typically 45-60 minutes in length.

327 Total Number of Sessions  
2,162 Total Number of School Sites & Presenter Sites Participating in IPTV Sponsored K-12 ICN Sessions  
4,116 Total Number of ICN video hours  

13,469 Total Number of Participants in IPTV-sponsored K-12 ICN Video Field Trips